Reviewer’s report

Title: Rhaponticum acaule (L) DC essential oil: Chemical composition, in vitro antioxidant and enzyme inhibition properties

Version: 0 Date: 08 Aug 2017

Reviewer: Mehdi Rahimmalek

Reviewer's report:

This manuscript requires major substantial revision before further consideration for publication. The authors evaluated the essential oil composition of this species as it has been previously reported in the literatures (lack of novelty). Moreover, no comprehensive, comparative study was also done on this species. The analysis also need to improve. The manuscript is lacking the strong discussion of the impact of the work. So, I suggest to reject the article.

The other minor suggestions/concerns/questions about the study are presented below:

1. Keywords must be based on alphabet.
2. Abstract (line 55): typing error for mL.
3. The authors should elaborate briefly on the health benefits of main oil to human health by citing appropriate references. This would be interesting for international readers.
4. The authors did not give information about software. Please explain completely.
5. Source reference for methodology must be provided for Line 17 of plant material section.
6. Table 1. Provide standard error.
7. Provide mean comparison of Table 2.
8. Typing error for mL all text and tables.
9. It is better to provide abbreviation in the foot note of figure 4b.
10. The English usage in certain parts of manuscript is poor and needs to be improved.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes
Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.
Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:
Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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We do not have any relation to the above questions.

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